

## **Abstract**

A system and method for configuring a node in a graphical program by programmatically generating graphical source code associated with the node. The node may initially have no functionality or may have default functionality and may be able to  
5 take on different functionality in the graphical program, depending on configuration user input received. User input specifying desired functionality for the node may be received via a GUI. Graphical source code may then be programmatically generated for the node, such that the node is operable to implement the specified desired functionality when the graphical program is executed. Since the graphical source code associated with the node is  
10 generated programmatically, a “minimal” amount of graphical source code may be generated.